

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022587.D
 Acq On : 06 Jun 2025 09:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 06 23:38:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	87	0.00
2 T	Dichlorodifluoromethane	50.000	43.867	12.3	83	0.00
3 P	Chloromethane	50.000	43.108	13.8	81	0.00
4 C	Vinyl Chloride	50.000	57.580	-15.2#	103	0.00
5 T	Bromomethane	50.000	44.235	11.5	91	-0.01
6 T	Chloroethane	50.000	57.294	-14.6	109	-0.01
7 T	Trichlorofluoromethane	50.000	63.861	-27.7#	118	-0.01
8 T	Diethyl Ether	50.000	46.491	7.0	82	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.639	4.7	85	0.00
10 T	Methyl Iodide	50.000	46.128	7.7	74	-0.01
11 T	Tert butyl alcohol	250.000	236.599	5.4	84	-0.02
12 CM	1,1-Dichloroethene	50.000	49.122	1.8#	87	-0.02
13 T	Acrolein	250.000	184.068	26.4#	66	-0.01
14 T	Allyl chloride	50.000	47.007	6.0	84	-0.01
15 T	Acrylonitrile	250.000	232.081	7.2	80	-0.02
16 T	Acetone	250.000	266.465	-6.6	91	-0.01
17 T	Carbon Disulfide	50.000	46.422	7.2	82	-0.01
18 T	Methyl Acetate	50.000	42.322	15.4	75	-0.02
19 T	Methyl tert-butyl Ether	50.000	46.275	7.5	81	-0.02
20 T	Methylene Chloride	50.000	44.261	11.5	87	-0.01
21 T	trans-1,2-Dichloroethene	50.000	48.210	3.6	86	-0.01
22 T	Diisopropyl ether	50.000	47.197	5.6	83	-0.01
23 T	Vinyl Acetate	250.000	231.720	7.3	81	-0.02
24 P	1,1-Dichloroethane	50.000	49.580	0.8	88	-0.01
25 T	2-Butanone	250.000	249.999	0.0	85	-0.01
26 T	2,2-Dichloropropane	50.000	49.488	1.0	87	-0.01
27 T	cis-1,2-Dichloroethene	50.000	48.876	2.2	85	-0.01
28 T	Bromochloromethane	50.000	48.680	2.6	88	-0.01
29 T	Tetrahydrofuran	250.000	225.902	9.6	80	-0.01
30 C	Chloroform	50.000	48.904	2.2#	86	-0.01
31 T	Cyclohexane	50.000	44.849	10.3	83	0.00
32 T	1,1,1-Trichloroethane	50.000	50.062	-0.1	87	-0.01
33 S	1,2-Dichloroethane-d4	50.000	49.324	1.4	81	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	51.804	-3.6	82	-0.01
36 T	1,1-Dichloropropene	50.000	49.835	0.3	85	-0.01
37 T	Ethyl Acetate	50.000	47.989	4.0	77	-0.02
38 T	Carbon Tetrachloride	50.000	50.534	-1.1	84	-0.01
39 T	Methylcyclohexane	50.000	48.455	3.1	82	-0.01
40 TM	Benzene	50.000	50.971	-1.9	86	0.00
41 T	Methacrylonitrile	50.000	47.396	5.2	82	-0.01
42 TM	1,2-Dichloroethane	50.000	49.487	1.0	85	-0.01
43 T	Isopropyl Acetate	50.000	46.906	6.2	78	0.00
44 TM	Trichloroethene	50.000	50.197	-0.4	84	0.00
45 C	1,2-Dichloropropane	50.000	50.460	-0.9#	85	0.00
46 T	Dibromomethane	50.000	48.972	2.1	82	0.00
47 T	Bromodichloromethane	50.000	50.665	-1.3	85	0.00
48 T	Methyl methacrylate	50.000	46.372	7.3	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1007.526	-0.8	89	-0.02
50 S	Toluene-d8	50.000	51.989	-4.0	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.796	3.7	79	0.00
52 CM	Toluene	50.000	50.665	-1.3#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	48.929	2.1	82	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.796	0.4	83	0.00
55 T	1,1,2-Trichloroethane	50.000	49.560	0.9	85	0.00
56 T	Ethyl methacrylate	50.000	47.897	4.2	79	0.00
57 T	1,3-Dichloropropane	50.000	48.777	2.4	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.400	-8.6	93	0.00
59 T	2-Hexanone	250.000	246.524	1.4	81	0.00
60 T	Dibromochloromethane	50.000	49.547	0.9	83	0.00
61 T	1,2-Dibromoethane	50.000	48.525	3.0	82	0.00
62 S	4-Bromofluorobenzene	50.000	50.936	-1.9	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	50.742	-1.5	87	0.00
65 PM	Chlorobenzene	50.000	50.152	-0.3	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.431	1.1	85	0.00
67 C	Ethyl Benzene	50.000	49.931	0.1#	86	0.00
68 T	m/p-Xylenes	100.000	100.362	-0.4	87	0.00
69 T	o-Xylene	50.000	49.539	0.9	86	0.00
70 T	Styrene	50.000	50.116	-0.2	86	0.00
71 P	Bromoform	50.000	46.851	6.3	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	49.901	0.2	86	0.00
74 T	N-amyl acetate	50.000	46.452	7.1	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.380	7.2	80	0.00
76 T	1,2,3-Trichloropropane	50.000	37.531	24.9	59	0.00
77 T	Bromobenzene	50.000	48.506	3.0	85	0.00
78 T	n-propylbenzene	50.000	50.609	-1.2	87	0.00
79 T	2-Chlorotoluene	50.000	49.561	0.9	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.034	-0.1	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.792	10.4	79	0.00
82 T	4-Chlorotoluene	50.000	49.210	1.6	85	0.00
83 T	tert-Butylbenzene	50.000	49.331	1.3	86	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.239	-0.5	88	0.00
85 T	sec-Butylbenzene	50.000	50.704	-1.4	88	0.00
86 T	p-Isopropyltoluene	50.000	50.362	-0.7	88	0.00
87 T	1,3-Dichlorobenzene	50.000	48.987	2.0	87	0.00
88 T	1,4-Dichlorobenzene	50.000	49.112	1.8	86	0.00
89 T	n-Butylbenzene	50.000	51.514	-3.0	88	0.00
90 T	Hexachloroethane	50.000	50.315	-0.6	87	0.00
91 T	1,2-Dichlorobenzene	50.000	49.027	1.9	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.426	5.1	77	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.151	-0.3	87	0.00
94 T	Hexachlorobutadiene	50.000	51.301	-2.6	90	0.00
95 T	Naphthalene	50.000	47.064	5.9	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.770	4.5	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6